

01

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 05058901
PUBLICATION DATE : 09-03-93

APPLICATION DATE : 26-08-91
APPLICATION NUMBER : 03238735

APPLICANT : TEIKOKU HORMONE MFG CO LTD;

INVENTOR : ISHII TOMOE;

INT.CL. : A61K 35/12 A61K 35/32 C07G 17/00 C12P 1/00 // C12N 5/08

TITLE : BONE DESORPTION-INHIBITING FACTOR AND ITS PRODUCTION

ABSTRACT : PURPOSE: To provide a new bone desorption-inhibiting factor capable of recovering a balance of bone desorption with osteogenesis when the bone desorption is exceeded and a method for producing the same, and a new metabolic osteopathy therapeutic agent.

CONSTITUTION: The bone desorption-inhibiting factor of this invention comprises a physiologically active substance produced by an osteoblast received the stimulation with estrogen and/or its salt. The method for the production is characterized by containing a process for culturing the osteoblast in the presence of the estrogen and a process for extracting the physiologically active substance produced by the osteoblast in the above-mentioned process from the culture system. The therapeutic agent of the invention contains as an active ingredient the bone desorption-inhibiting factor produced by the osteoblast received the stimulation with the estrogen.

COPYRIGHT: (C)1993,JPO&Japio